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Field Service Procedure

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Saturn WPU Power Supply Replacement on Narkomed 6000

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Saturn WPU Power Supply Replacement on Narkomed 6000

Replacement Procedure

This procedure includes instructions for the replacement of the Saturn WPU power supply (UPS) as related to the Narkomed 6000. The APC Power Supply Kit (P/N 4118066) consists of the following parts:

- | | |
|---|-----------------------------------|
| -- Power Supply Assembly, APC P/N 4117859-001 | -- Screw, Button Head P/N HW09008 |
| -- Power Supply Mounting Bracket P/N 4118065 | -- Washer, Lock P/N HW65011 |

Saturn WPU Power Supply Replacement Procedure:

1. Turn the system power switch to STANDBY.
2. Disconnect AC power from the machine and pull all circuit breakers to their "out" position.
3. Disconnect power supply cables from the Saturn processor. Disconnection of the cables will depend on the processor installed on the machine. Illustrated in Figures 1, 2 and 3 are the cable connections for each of the three processor configurations.
4. Remove two screws attaching power supply to existing mounting bracket. Discard hardware. Remove power supply. See Figure 4 for existing power supply mounting configuration.
5. Using a standard Allen wrench, remove four existing button head screws attaching power supply bracket from the processor. Discard hardware.
6. Using a standard Allen wrench, attach new mounting bracket through existing holes in the processor unit with four button head screws and four lock washers. See Figure 5 for new power supply mounting configuration.
7. Slide new power supply into mounting bracket ensuring cables are exiting power supply on the right side.
8. Reconnect cables from power supply to processor unit. See Figure 1, 2, or 3 for correct cable connections based on the processor installed.
9. Push circuit breakers to their "in" position and reapply power to the machine.
10. Turn the system power switch to ON.
11. Verify system power up is successful.
12. If system fails to power up, perform the following:
 - Ensure circuit breakers are "in".
 - Ensure system power switch is "ON".
 - Ensure cable connections are correct.

Replacement Procedure

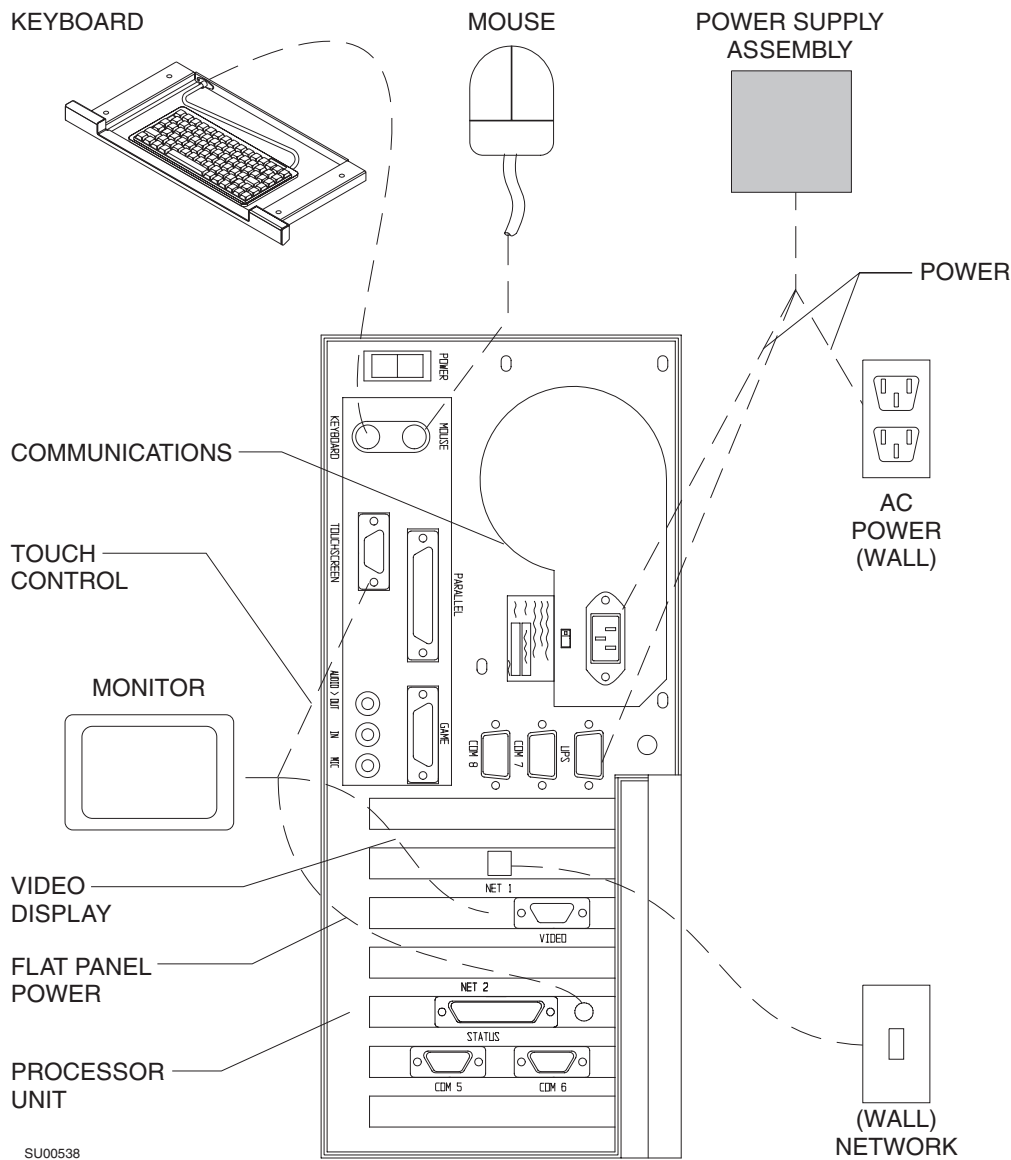


FIGURE 1. Typical 233 MHz Processor Cable Connections

Replacement Procedure

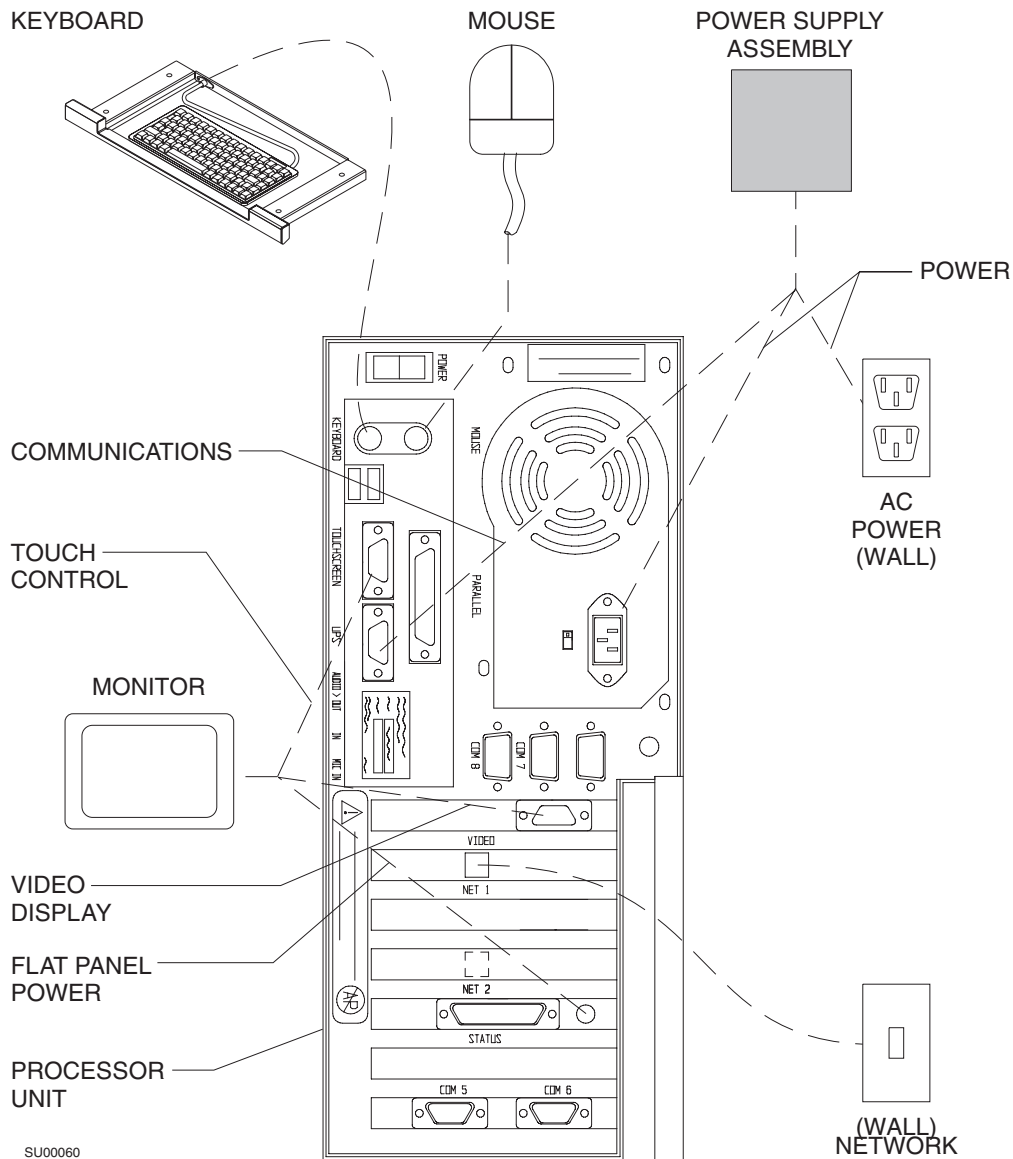


FIGURE 2. Typical 400 MHz Processor Cable Connections

Replacement Procedure

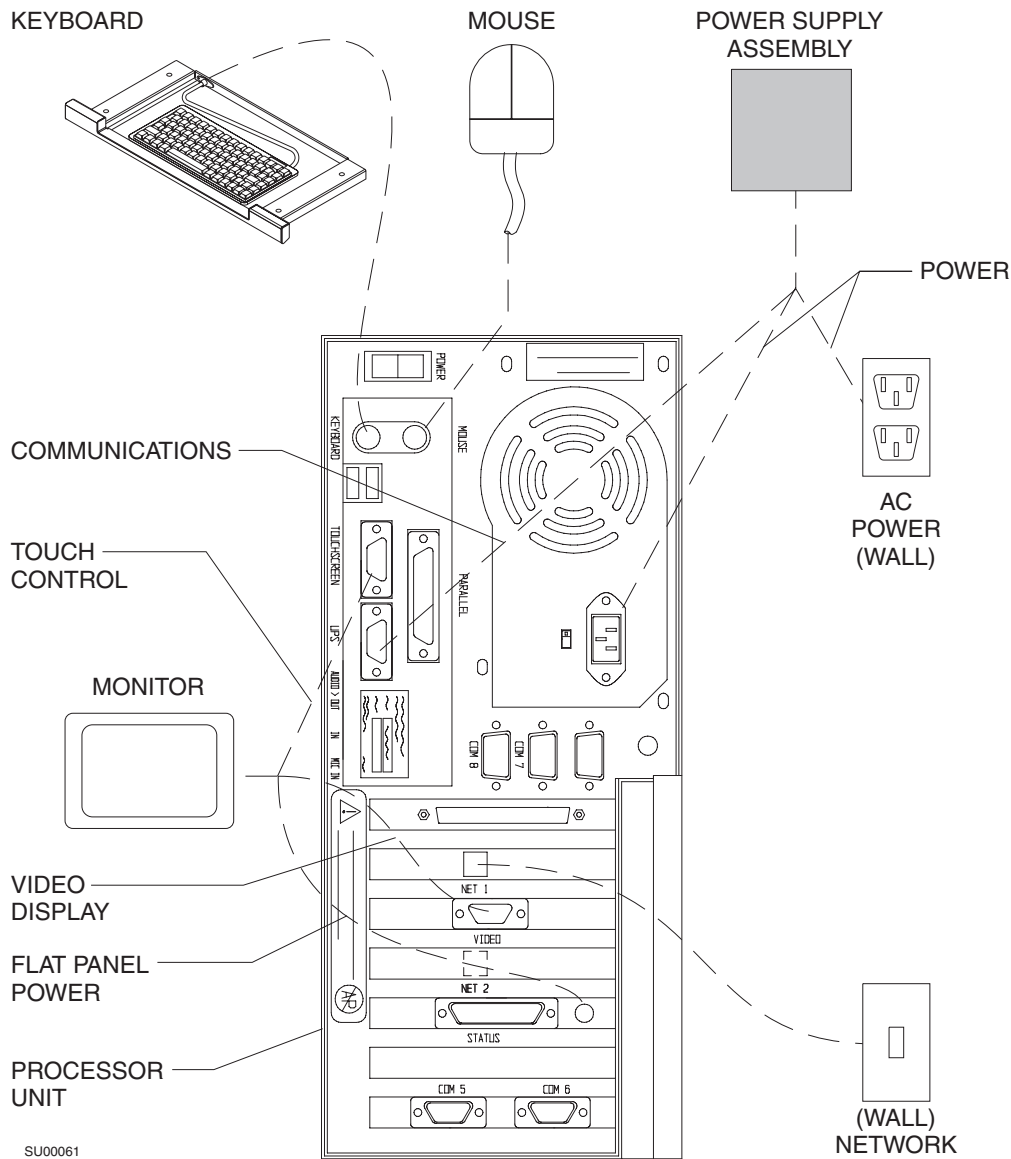


FIGURE 3. Typical 700 MHz Processor Cable Connections

Replacement Procedure

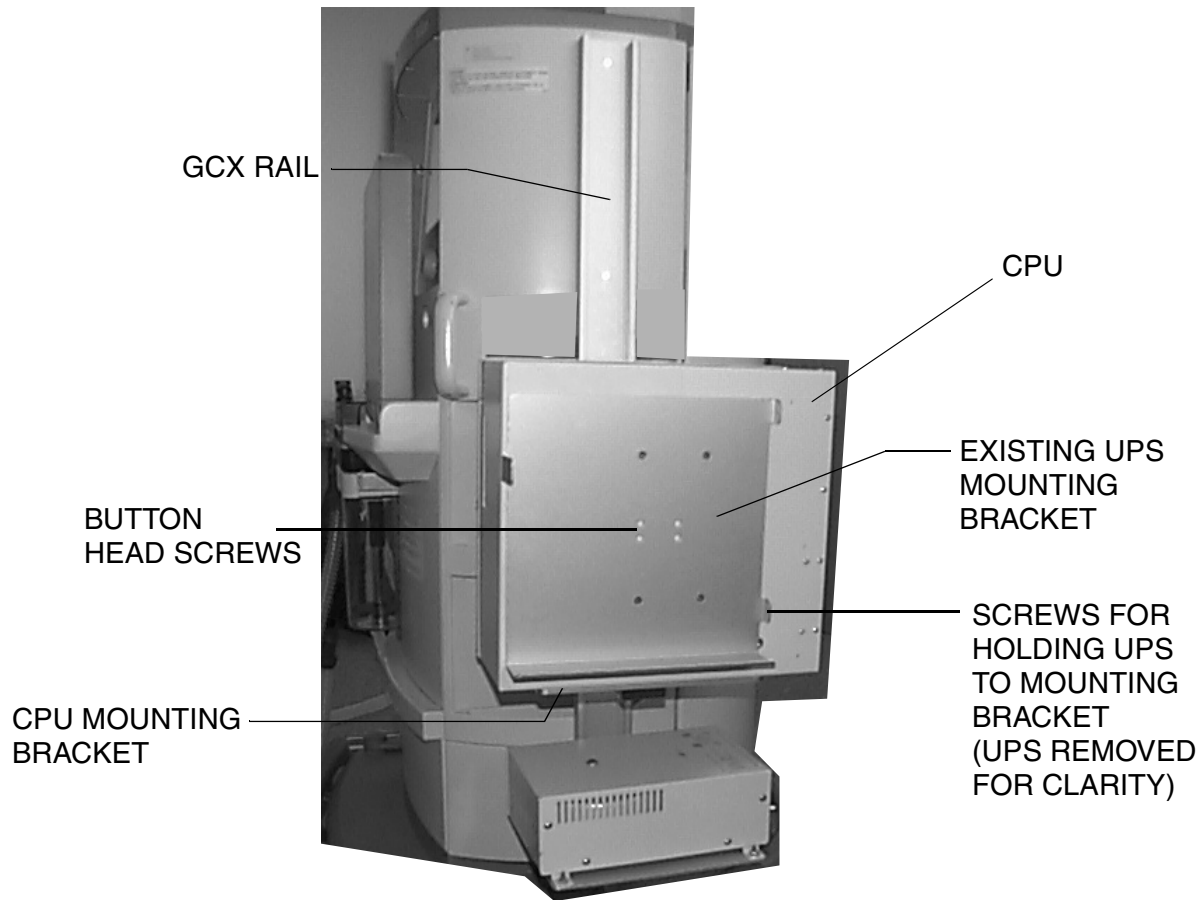


FIGURE 4. Existing Power Supply and Mounting Configuration

Replacement Procedure

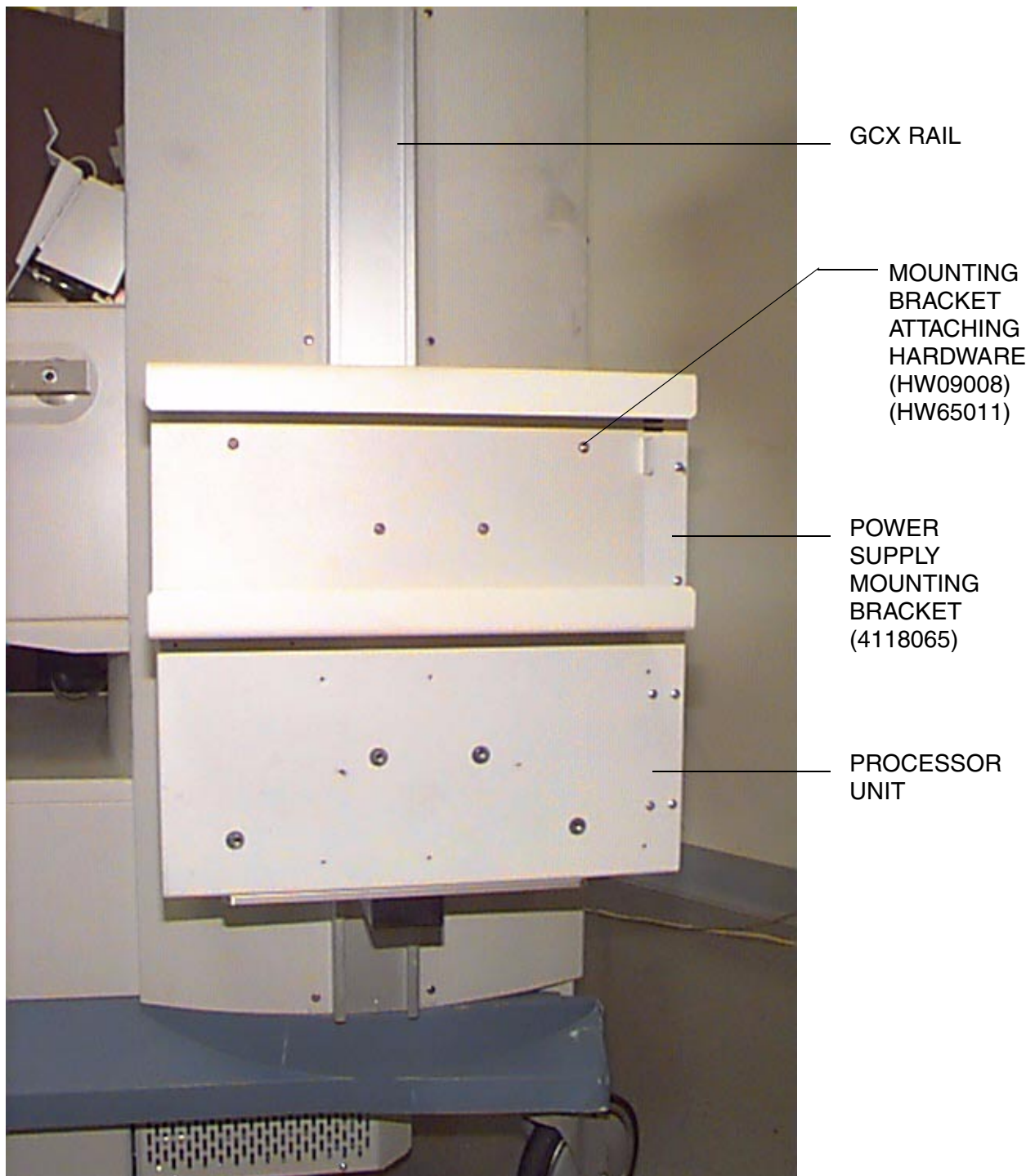


FIGURE 5. New Power Supply and Mounting Configuration

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